with a complement of a polynucleotide having a nucleotide sequence selected from the group consisting of:

(a) the nucleotide sequence of SEQ ID NO:1; and

(b) the nucleotide sequence of SEQ ID NO:2;

under conditions of a buffer comprising 45%(v/v) formamide, 5x SSPE, at 42°C, and washing after hybridization with a buffer comprising 2xSSPE at 42°C, and that encodes a protein having the biological activity of inhibiting neurite outgrowth from dorsal root ganglion cells.

Claim 51. (Four Times Amended) An isolated nucleic acid molecule consisting of a single-stranded polynucleotide consisting of at least 27 contiguous nucleotides of SEQ ID NO:2, 4, or 10 with the proviso that said nucleic acid molecule does not consist of a polynucleotide consisting of at least 27 contiguous nucleotides disclosed in SEQ ID NO:16 or SEQ ID NO:15.

Please add the following claims:

Claim 56. An isolated nucleic acid molecule comprising a polynucleotide that specifically hybridizes with a complement of a

polynucleotide having a nucleotide sequence selected from the group consisting of:

(a) the nucleotide sequence of SEQ ID NO:1; and

(b) the nucleotide sequence of SEQ ID NO:2;

under conditions of a buffer comprising 45%(v/v) formamide, 5x SSPE, at 42°C, and washing after hybridization with a buffer comprising 2xSSPE at 42°C, that has not less than 80% homology to that of (a) or (b),

and that encodes a protein having the biological activity of inhibiting neurite outgrowth from dorsal root ganglion cells.

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Claim 57. An isolated nucleic acid molecule comprising a polynucleotide that specifically hybridizes with a complement of a polynucleotide having a nucleotide sequence selected from the group consisting of:

(a) the nucleotide sequence of SEQ ID NO:1; and

(b) the nucleotide sequence of SEQ ID NO:2;

under conditions of a buffer comprising 45%(v/v) formamide, 5x SSPE, at 42°C, and washing after hybridization with a buffer comprising 2xSSPE, at 42°C, that has not less than 80% homology to that of (a) or (b),

and that encodes a protein having the biological activity of collapsing growth cones of retinal ganglion cells.

Claim 58. The isolated nucleic acid molecule of claim 41, comprising a polynucleotide having a nucleotide sequence selected from the group consisting of:

(a) the nucleotide sequence of SEQ ID NO:5; and

(b) the nucleotide sequence of SEQ ID NO:10.

Claim 59. The isolated nucleic acid molecule of claim 42, comprising a polynucleotide having a nucleotide sequence selected from the group consisting of:

(a) the nucleotide sequence of SEQ ID NO:5; and

(b) the nucleotide sequence of SEQ ID NO:10.

Claim 60. An isolated nucleic acid molecule comprising a polynucleotide that specifically hybridizes with a complement of a polynucleotide having a nucleotide sequence selected from the group consisting of:

(a) the nucleotide sequence of SEQ ID NO:1; and

(b) the nucleotide sequence of SEQ ID NO:2;

under conditions of a buffer comprising 45%(v/v) formamide, 5x SSPE, at 42°C, and washing after hybridization with a buffer comprising 2xSSPE at 42°C, that has not less than 90% homology to that of (a) or (b),

and that encodes a protein having the biological activity of inhibiting neurite outgrowth from dorsal root ganglion cells.

Claim 61. An isolated nucleic acid molecule comprising a polynucleotide that specifically hybridizes with a complement of a polynucleotide having a nucleotide sequence selected from the group consisting of:

(a) the nucleotide sequence of SEQ ID NO:1; and

(b) the nucleotide sequence of SEQ ID NO:2;

under conditions of a buffer comprising 45%(v/v) formamide, 5x SSPE, at 42°C, and washing after hybridization with a buffer comprising 2xSSPE, at 42°C, that has not less than 90% homology to that of (a) or (b),

and that encodes a protein having the biological activity of collapsing growth cones of retinal ganglion cells.